

And hers who, for so long, beside him shone,
 True-hearted, and may fitly share the wreath
 Of fame that crowns him. Health, achievement, love;
 These blessed his life, and on his soul serene
 (As vouching their continuance after death)
 Forever rested, like a brooding dove,
 The promise of the gentle Nazarene!

Washington, D. C.

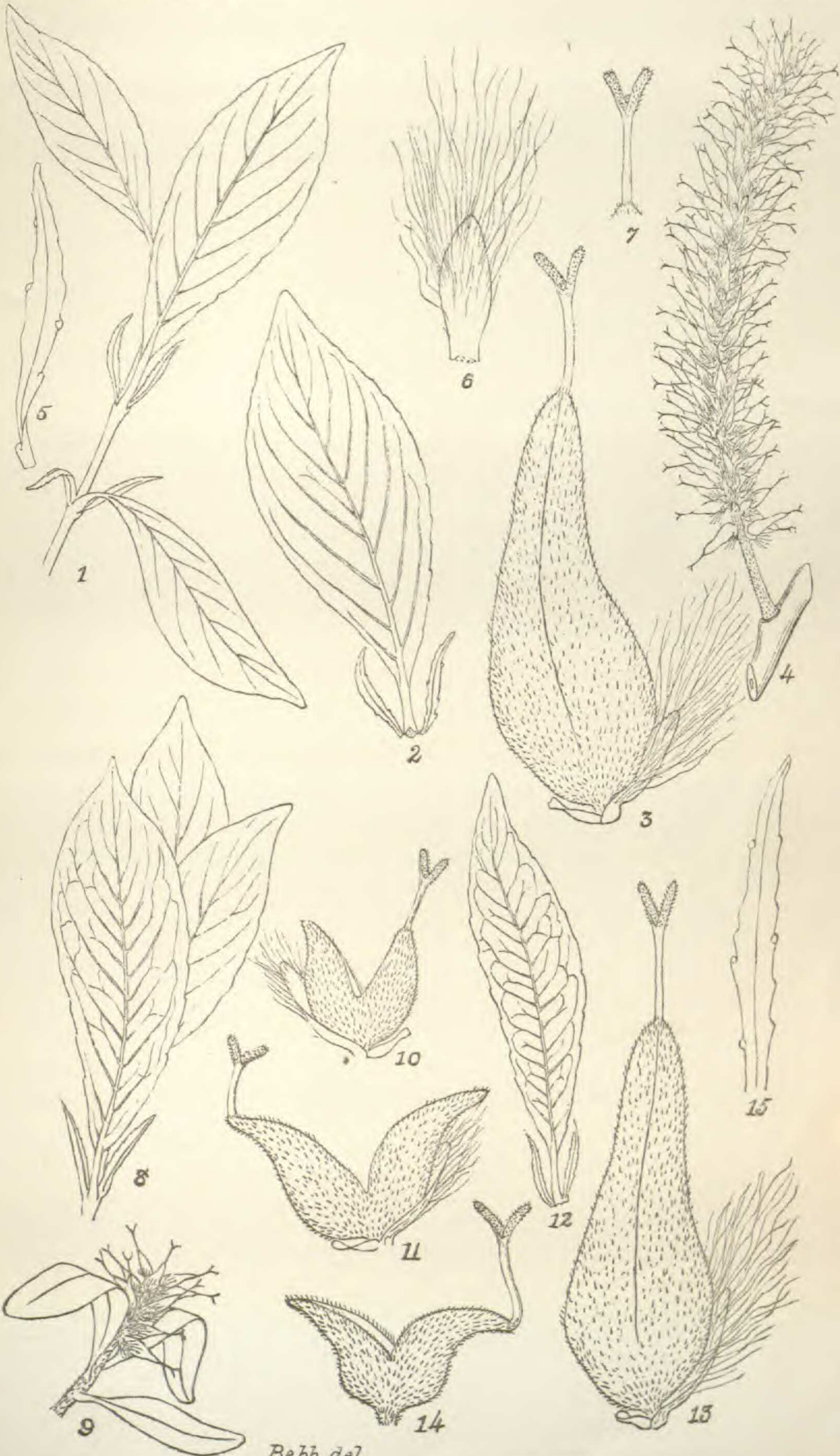
Notes on North American willows. II.

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(WITH PLATE X.)

Salix phylicoides And.—A willow, known of late years as by no means rare in Alaska and on the adjacent shores of Eastern Siberia, was first described by Andersson in his preliminary Synopsis of North American Willows, under the above name, given in allusion to the manifest resemblance which the species bears to *S. phylicifolia*. Subsequently, the same author divided Seeman's specimens, upon which exclusively the species was founded, making of all those which exhibited normally developed aments a second new species, *S. fulcrata*, and retaining the original name, *S. phylicoides*, for a single gathering of a bare half-dozen specimens, all told, made by Seeman at "Awatschka Bay, August, 1848." These, evidently taken from the same plant, present the anomaly, very noticeable in an arctic willow, of aments accompanying full-grown leaves. Prof. Andersson did not overlook the abnormal character of this retarded inflorescence, and it is, therefore, all the more surprising that he failed to appreciate the significance of the fact that most of the capsules are empty and that the few which do contain a little pappus produce no seeds. The diminutive size, to which an exaggerated importance is given in the description, is simply due to non-fertilization! If proof were needed of this I might cite a specimen in the Gray herbarium which, along with the "rectangularly veined" lanceolate-acuminate leaves of the Prodromus *S. phylicoides*, bears one imperfectly fertilized ament, capsules as in Seeman's Awatschka Bay plant and another fully fertilized ament with capsules 2-3 lines long—leaves and fruit of *S. phylicoides*, and on the same twig an ament of *S. fulcrata*!

The species varies much in stature and habit. On the southern shores of Alaska it is apparently a stout bush with



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BEBB on SALIX PHYLICOIDES AND.